GOVERNMENT OF INDIA
WATER RESOURCES
LOK SABHA

UNSTARRED QUESTION NO:4003
ANSWERED ON:21.04.2008
IMPACT OF CLIMATIC CHANGE ON WATER RESOURCES
Bhargav Shri Girdhari Lal;Singh Shri Uday

Will the Minister of WATER RESOURCES be pleased to state:

(a) whether the Union Government has made or proposes to make assessment of climate change on water resources;

(b) if so, the details thereof;

(c) whether the Government has taken any steps to evaluate the consequence of climate change in river flow or groundwater characteristic and also to identify adaption strategies; and

(d) if so, the details thereof?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES(SHRI JAI PRAKASH NARAYAN YADAV)

(a) to (d) Realising the need for proper assessment of the effect of climate change on water resources and flow characteristics, studies have been taken up by Central Water Commission, Brahmaputra Board and National Institute of Hydrology with active participation of reputed academic institutes. The study is being coordinated by Central Water Commission. The objective of the study is to examine the effect of climate change on water resources with a view to (a) assess the extent of likely changes in the water availability and the flow characteristics, (b) evaluate the effect of such changes on the performance of the water resources system, and (c) to identify appropriate measures to address the effect of climate change on water resources.